

Chapter 2

Data Verification

2.1 VERIFICATION OF LATITUDE AND LONGITUDE COORDINATES

Locational data contained in AILESP was pulled on August 16, 1999, from the EPA Systems Development Center Locational Reference Tables, found in the Envirofacts Warehouse. Specifically, the data was pulled from the Oracle table LRT_EF_COVERAGE_SRC. For more information on EPA's Locational Reference Tables see <http://www.epa.gov/enviro/html/lrt/index.html>. No additional verification or qa/qc of the LRT data was performed by AILESP.

2.2 VERIFICATION OF FLA LINKAGES

Facility permit linkages were obtained from EPA's Facility Linkage Application (FLA) using the Facility Unique Identifier (UIN). For more information on FLA see the FLA user's guide: http://www.epa.gov/enviro/fliapp/gif/user_guide.htm. No additional verification or qa/qc of the FLA data was performed by AILESP.

2.3 DATA LIMITATIONS AND CONSIDERATIONS

The information contained in AILESP consists of data that already existed in electronic format within the media program database(s) at the time AILESP v.2.1 was constructed. In other words, the quality of the data within AILESP reflects the quality of the data in each of the program databases. Users are encouraged to review and correct the data presented in AILESP. Please alert the EPA Region and state representative(s) responsible for managing the permit(s) in question or contact the EPA contacts identified in this document if any corrections are necessary.

At the time of the database development, the FLA was the most comprehensive tool available for linking multimedia permits at the facility level. However, FLA linkages do not include all permits for all facilities regulated by or reported to EPA. For example, a permit may not be linked to a Facility UIN because the name or address of the particular permit does not match the name or address listed in the other linked permits belonging to the same facility. Also, data systems containing information on underground injection control

(UIC) wells, underground storage tanks (USTs), and leaks and spills (e.g., Emergency Response and Notification System, ERNS), are not currently linked by FLA.

AILESP does not include all sources of pollutant releases, nor does it include all facility enforcement and compliance data. Additional sources of pollutants which are of concern to Tribal areas include unpermitted discharges, spills, and non-point source pollution problems (e.g., pesticides runoff and atmospheric deposition). Several EPA Regions, including Region 8 are addressing these issues. This information is not yet available in electronic format, but may be included in future versions of the AILESP. Additional sources of enforcement and compliance data that future versions of AILESP may incorporate include: the National Compliance Database (NCDB), the Site Enforcement Tracking System (SETS), and the Civil Enforcement Docket System (DOCKET).

Other methods of identifying facilities located on or near Tribal areas may exist. Future efforts may include the identification and evaluation of other data sources for the verification and possible expansion of the AILESP data files.